

**CENTRO ESCOLAR UNIVERSITY**  
Manila\*Makati\*Malolos  
**School of Medical Technology**

FOUR-YEAR PROGRAM LEADING TO THE DEGREE  
**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY**  
Effective School Year 2020-2021

**FIRST YEAR**

**First Semester**

Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCH100	Inorganic Chemistry	2	1	0	3	2	3	0	5	NONE
PCML111	Principles of Medical Technology Practice 1	3	0	0	3	3	0	0	3	NONE
PCZO100	Foundations of Zoology	2	1	0	3	2	3	0	5	NONE
COLA31	Foreign Language 1	3	0	0	3	3	0	0	3	NONE
COSH31	Art Appreciation	3	0	0	3	3	0	0	3	NONE
COSH41	Readings in Philippine History	3	0	0	3	3	0	0	3	NONE
<b>COPE22</b>	<b>PATH-FIT 2: Swimming/Recreation</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>NONE</b>
COSH11	Empowering the Self	2	0	0	2	2	0	0	2	NONE
COSH21	Religion: History and Texts	3	0	0	3	3	0	0	3	NONE
<b>TOTAL</b>		<b>23</b>	<b>2</b>	<b>0</b>	<b>25</b>	<b>23</b>	<b>6</b>	<b>0</b>	<b>29</b>	

**Second Semester**

Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCBI102	Human Anatomy and Physiology	3	2	0	5	3	6	0	9	*PCZO100,* PCML111
PCCH103	Organic Chemistry	3	2	0	5	3	6	0	9	*PCCH100
PCML112	Principles of Medical Technology Practice 2	2	1	0	3	2	3	0	5	*PCML111
PCML113	Human Histology	2	1	0	3	2	3	0	5	*PCZO100,**PCBI102
COLA11	Purposive Communication	3	0	0	3	3	0	0	3	NONE
COLA32	Foreign Language 2	3	0	0	3	3	0	0	3	*COLA31
COMA11	Mathematics in the Modern World	3	0	0	3	3	0	0	3	NONE
COPY11	Understanding the Self	3	0	0	3	3	0	0	3	NONE
<b>COPE21</b>	<b>PATH-FIT 1: Movement Competency Training</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>NONE</b>
<b>TOTAL</b>		<b>24</b>	<b>6</b>	<b>0</b>	<b>30</b>	<b>24</b>	<b>18</b>	<b>0</b>	<b>42</b>	

**SECOND YEAR**

**First Semester**

Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCH104	Biochemistry	3	2	0	5	3	6	0	9	*PCCH103
PCML114	Pathophysiology	2	0	0	2	2	0	0	2	* PCML113,*PCBI102
PCML117	Community and Public Health for Medical Technology	2	2	0	4	2	6	0	8	*PCML111,*PCML112, **PCML119
PCML118	Principles and Strategies of Teaching in Medical Technology	2	0	0	2	2	0	0	2	NONE
PCML119	Biostatistics and Epidemiology	2	1	0	3	2	3	0	5	*PCML112,*COMA11
COLA51	Expository Writing for Global Communication	3	0	0	3	3	0	0	3	NONE
COSH22	Man, Church and Society	3	0	0	3	3	0	0	3	NONE
COSH32	Ethics	3	0	0	3	3	0	0	3	NONE
COSH43	The Life and Works of Rizal	3	0	0	3	3	0	0	3	NONE
<b>COPE24</b>	<b>PATH-FIT 4: Team Sports/Games</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>NONE</b>
CONP11	NSTP 1	3	0	0	3	3	0	0	3	NONE
<b>TOTAL</b>		<b>28</b>	<b>5</b>	<b>0</b>	<b>33</b>	<b>28</b>	<b>15</b>	<b>0</b>	<b>43</b>	

**Second Semester**

Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCE102	Health Information System	2	1	0	3	2	3	0	5	NONE
PCCH105	Analytical Chemistry	3	2	0	5	3	6	0	9	*PCCH100,*PCCH103
PCML115	Human Genetics with Cytogenetics	2	1	0	3	2	3	0	5	*PCCH104
PRML121	Clinical Parasitology	2	1	0	3	2	3	0	5	*PCML114
PRML133	Analysis of Urine and Other Body Fluids	2	1	0	3	2	3	0	5	*PCCH104,*PCBI102
PRML151	Med. Tech. Laws and Bioethics	3	0	0	3	3	0	0	3	*PCML111,*PCML112
COSH42	The Contemporary World	3	0	0	3	3	0	0	3	NONE
CONS21	Science, Technology and Society	3	0	0	3	3	0	0	3	NONE
<b>COPE23</b>	<b>PATH-FIT 3: Dance/Individual-Dual Sports</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>NONE</b>
CONP12	NSTP 2	3	0	0	3	3	0	0	3	*CONP11
<b>TOTAL</b>		<b>25</b>	<b>6</b>	<b>0</b>	<b>31</b>	<b>25</b>	<b>18</b>	<b>0</b>	<b>43</b>	

**THIRD YEAR**

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCML116	Molecular Biology and Diagnostics	1	2	0	3	1	6	0	7	*PCML115
PRML122	Clinical Bacteriology	3	2	0	5	3	6	0	9	*PCCH104, *PCBI102
PRML131	Clinical Chemistry 1	3	2	0	5	3	6	0	9	*PCCH104, *PCBI102, *PCCH105
PRML141	Hematology 1	3	2	0	5	3	6	0	9	*PCCH104, *PCML113
PRML191	Undergraduate Research 1	1	2	0	3	1	6	0	7	*PCML119, *PRML121, *PCML115, *PRML133, *PCML117
COCE51	Internet of Things	3	0	0	3	3	0	0	3	None
<b>TOTAL</b>		<b>14</b>	<b>10</b>	<b>0</b>	<b>24</b>	<b>14</b>	<b>30</b>	<b>0</b>	<b>44</b>	

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PRML123	Mycology and Virology	2	0	0	2	2	0	0	2	*PRML122
PRML132	Clinical Chemistry 2	3	2	0	5	3	6	0	9	*PRML131
PRML142	Hematology 2	2	1	0	3	2	3	0	5	*PRML141
PRML143	Immunology and Serology	3	1	0	4	3	3	0	6	*PRML122, *PCML114
PRML144	Immunohematology	3	1	0	4	3	3	0	6	*PCML115
PRML145	Histopathologic and Cytologic Techniques	2	1	0	3	2	3	0	5	*PCML113, *PCML114, *PCCH104
PRML152	Laboratory Management	2	0	0	2	2	0	0	2	*PRML151
PRML192	Undergraduate Research 2	2	1	0	3	2	3	0	5	*PRML191
COLA21	Malikhaing Komunikasyon Gamit ang Panitikang Popular	3	0	0	3	3	0	0	3	NONE
COSH12	Living and Loving Relationships	2	0	0	2	2	0	0	2	*COSH11
<b>TOTAL</b>		<b>24</b>	<b>7</b>	<b>0</b>	<b>31</b>	<b>24</b>	<b>21</b>	<b>0</b>	<b>45</b>	

**FOURTH YEAR**

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PRML181	Special Topics in Medical Technology 1	1	0	0	1	1	0	0	1	*All third year subjects
PRML183	Clinical Internship 1 - 832 hrs. (total)	0	0	17	17	0	0	47	47	*All third year subjects
PRML188	Medical Technology Assessment Program 1	3	0	0	3	3	0	0	3	*All third year subjects
PRML199	Interprofessional Education and Practice	1	0	0	1	1	0	0	1	NONE
<b>TOTAL</b>		<b>5</b>	<b>0</b>	<b>17</b>	<b>22</b>	<b>5</b>	<b>0</b>	<b>47</b>	<b>52</b>	

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PRML182	Special Topics in Medical Technology 2	1	0	0	1	1	0	0	1	*PRML181
PRML184	Clinical Internship 2 - 832 hrs. (total)	0	0	17	17	0	0	47	47	*PRML183
PRML189	Medical Technology Assessment Program 2	3	0	0	3	3	0	0	3	PRML188
<b>TOTAL</b>		<b>4</b>	<b>0</b>	<b>17</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>47</b>	<b>51</b>	

Total No. of Units:

217